Database and Analytical Tool Development for the Management of Data Derived from US DOE (NETL) Funded Fine Particulate (PM$_{2.5}$) Research

Presentation To:

PROJECT STAKEHOLDER FORUM

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Hilton, Pittsburgh

Project Objectives

Primary objective is to develop a comprehensive, web-based application for:

- Integrating the ambient air quality data being collected under multiple on-going DOE-sponsored monitoring programs in the Upper Ohio River Valley (UORV) region

- Creating a publicly-available tool for accessing, displaying, analyzing and interpreting these air quality data

Project Team Leaders

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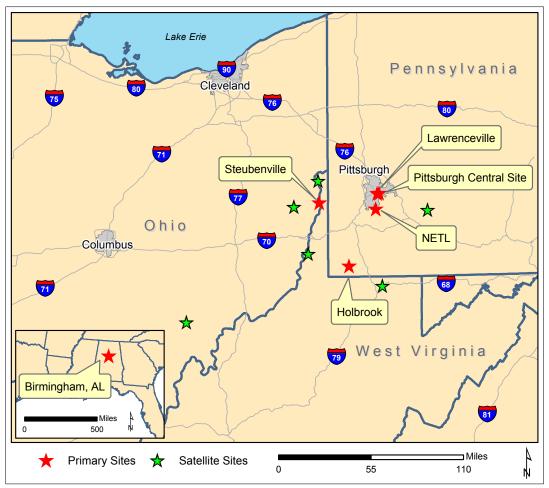
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Primary And Satellite Sites

Task Breakdown – Phase One

Task #	Description	% Completed
1.1	Data Inventory/Benchmarking for Database Applications	75%
1.2	Develop Data Management System Architecture	55%
1.3	Population of Database	55%
1.4	Develop Web-Based Retrieval System	10%
1.5	Develop Internal QA/QC System	14%

Task Breakdown – Phase Two

Task #	Description	% Completed
2.1	Develop Stakeholder Website	1%
2.2	Develop Public Website	0%
2.3	Develop Online Help Feature	0%
2.4	Provide Graphical Representation of Data	0%
2.5	Performance Test	0%

Online Resources

NETL – Environmental & Water Resources: Air Quality Research

http://www.netl.doe.gov/coalpower/environment/air_q/index.html

CARB – California Air Resources Board

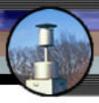http://www.arb.ca.gov/airways

Pittsburgh Air Quality Study (PAQS)

http://homer.cheme.cmu.edu/abstract.htm

Online Resources

This Project's Website

http://www.pmdata.org

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———— also ————

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